

## **15. Struck by Mill Roll**

A 46-year-old maintenance worker was killed while installing mill rolls used to gain a desired thickness of sheets of aluminum. Two refurbished mill rolls, each weighing 10,800 pounds, were being loaded onto the mill by the victim and a co-worker. The rolls must be placed on top of each other and aligned so that they will fit between the walls of the mill. The mills were placed on a sled one at a time using two nylon straps placed around each end and hung over the forks of a forklift. The rolls were placed on a sled used to place them in the mill with a piece of metal tubing in between the rolls to prevent them from touching. The rolls must be properly aligned to ensure they will fit between the mill walls as there is only 1/8 inch clearance between the rolls and the walls. Using a five-foot pry bar, the victim attempted to move the bottom roll for alignment by placing the pry bar in the floor grating and pushing on the bottom mill roll. The bottom roll moved too far and slid off the sled causing the top roll to move forward and strike the victim in the upper chest.

### **TOSHA Citation(s) as Originally Issued**

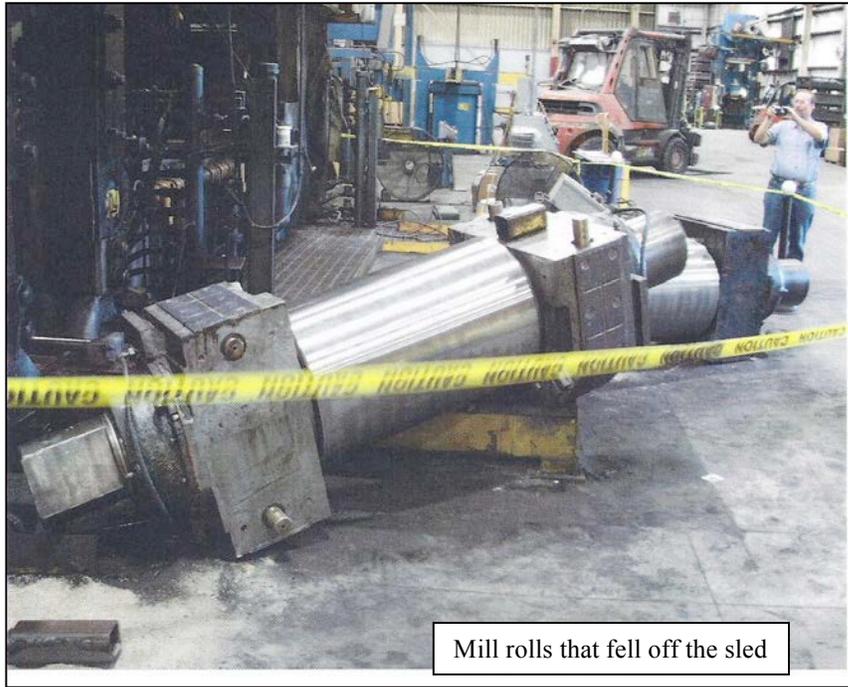
#### **Citation 1**

Item 1 T.C.A. 50-3-105(1)	The employer did not furnish employment and a place of employment which were free from recognized hazards that were causing or likely to cause death or serious physical harm to employees in that an employee was using a pry bar in an attempt to align the mill rolls on the sled of the hot mill.
Item 2 1910.147(d)(4)(i)	Lockout or tagout devices were not affixed to each energy isolating device by authorized employees.
Item 3 1910.178(m)(1)	Where employees could be injured from unstable objects being hit by a moving lift truck, precautions against such incidents were not taken.
Item 4 1910.217(e)(1)(ii)	The employer did not perform and maintain a record of weekly inspections completed on the mechanical power presses at the facility that included the signature of the employee completing the inspection.

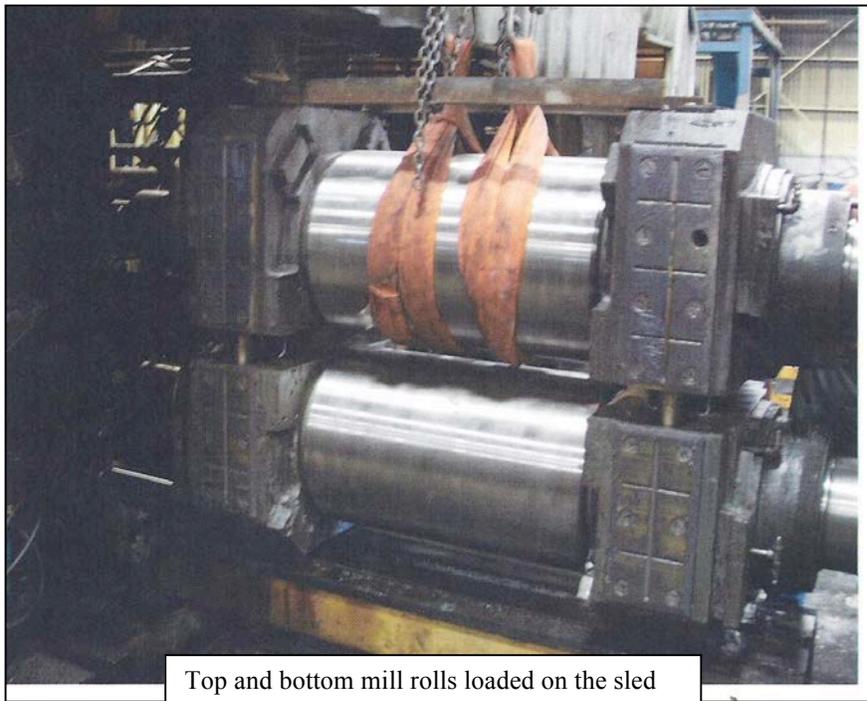
#### **Citation 2**

Item 1 1910.110(f)(6)(ii)	LP gas containers stored outside of buildings were not in a suitable enclosure or otherwise protected against tampering.
Item 2 1910.147(c)(6)(i)	The employer did not conduct a periodic inspection of the energy control procedures at least annually to ensure that the procedure and the requirements of this standard were being followed.
Item 3 1910.178(p)(1)	Powered industrial trucks with defects or in any way unsafe had not been withdrawn from service until restored to safe operating conditions. (Tires)

**See Photos on the Next Page**



Mill rolls that fell off the sled



Top and bottom mill rolls loaded on the sled